



SILVERSTONE®
Designing Inspiration



**Tundra series
MANUAL**

Installation and system optimization guide:

The following manual and guides were carefully prepared by the SilverStone engineering team to help you maximize the potential of your SilverStone product. Please keep this manual for future reference when upgrading or performing maintenance on your system. A copy of this manual can also be downloaded from our website at:

<http://www.silverstonetek.com>

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Tundra series

Durable high performance all-in-one Liquid Cooler

Specification & Disassemble chart

Model No.	88T-TD002-E / 88T-TD003-E	Radiator	Material	Aluminum
Water block	Dimension	80mm (L) x 55mm (W) x 36.6mm (H)	Tube	Length 310mm
	Material	Copper base with aluminum body		Material Rubber
Pump	Motor speed	2500±200RPM	Application	Intel Socket LGA775/1150/1366/2011
	Rated Voltage	12V		AMD Socket AM2/AM3/FM1/FM2
	Rated Current	0.25A		
Fan	Dimension	120mm (L) x 120mm (W) x 25mm (D)		
	Speed	1500~2500RPM		
	Noise level	18~35 dBA		
	Rated Voltage	12V		
	Rated Current	0.3A		
	Max airflow	92.5CFM		
	Pressure	3.5mmH2O		
	Connector	4 Pin PWM		
Radiator	Dimension	TD002-E, 373mm(L)x120mm(W)x27mm(H)		
		TD003-E, 453mm(L)x120mm(W)x27mm(H)		

ENGLISH

Secure the fan together with the radiator onto the chassis.

DEUTSCH

Bringen Sie den Kühler und den Ventilator auf die Gehäuseplatte.

FRANÇAIS

Fixez le radiateur au ventilateur sur la châssis.

ESPAÑOL

Fije el ventilador junto con el radiador en el chasis.

ITALIANO

Fixare il ventola al radiatore sul telaio.

РУССКИЙ

Закрепите вентилятор и радиатор на корпусе.

繁體中文

將風扇與水冷頭固定在機殼上。

簡体中文

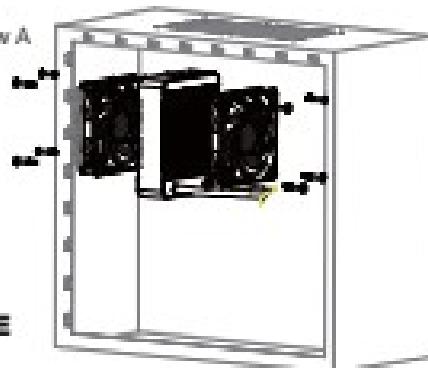
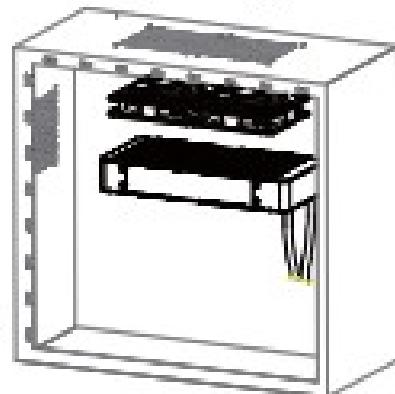
将风扇与水冷头固定在机壳上。

日本語

ファンとヒートシンクを一括で一旦に固定します。

한국어

水泵頭과 펌프를 일체화하여 일시에 고정합니다.

Fan screw A**TD03-E****TD02-E**

ENGLISH

Make sure you are using the correct side of the back plate for your motherboard and insert the screws into the correct holes located on the CPU socket you use.

Mount the required spacers into the center hole on the back plate for LGA775.

DEUTSCH

Sicherstellen, dass die richtige Seite des Rückplättchens für Ihr Motherboard verwendet wird und Schrauben entsprechend den von Ihnen verwendeten CPU-Sockel in die richtigen Löcher stecken.

Setzen Sie bitte nur bei diesem Sockel(L775) die aufschraubenden Abstandshalter in die Mitte des Rückplättchens ein.

FRANÇAIS

Assurez-vous d'utiliser le bon côté de la plaque arrière de votre carte mère et insérez les vis dans les bons trous situés sur la fente CPU que vous utilisez.

Écrounez dans le cas d'une installation pour Sockel LGA775, veiller à insérer les vis de fixation au centre de la plaque arrière.

ESPAÑOL

Asegúrese de que está usando el lado correcto de la placa frontal para su placa base e inserte las tornillos en los agujeros correctos localizados en el zócalo de CPU que use.

Montar los espaciadores necesarios en el centro del orificio, únicamente cuando se use el socket LGA775.

ITALIANO

Assicurarsi di usare l'etichetta corretta della placca posteriore della scheda madre e di inserire le viti nei buchi corretti in base al socket CPU che si usa.

Montare il distanziatore necessario nel foro centrale della placca nera con l'installazione LGA775.

РУССКИЙ

Убедитесь в правильном использовании стороны задней панели для материнской платы и вставьте винты в соответствующие отверстия на вашем разъеме.

Установите поджимной дистанционный элемент в центральное отверстие (только для L775).

繁體中文

請確定正確的使用面，並確認將CPU背板正確地插入至後方螺絲孔。

「安裝L775」時請將，請勿將下方螺絲孔之螺栓移除。L775的「底座」請勿拆卸。

简体中文

请确定正确的使用面，并确认将CPU背板正确地插入至后方螺孔。

「安装L775」时请将，请勿将下方螺孔之螺栓移除。L775的「底座」请勿拆卸。

日本語

正側面のマークが上になるようにマザーボード用のバックプレートを使用していることを確認し、ご使用のCPUソケットに沿って正しい位置にネジを固定してください。

LGA775用のスパッターパーツを用意し、マザーボードをバックプレートの中心の穴に固定してください。

한국어

정면 마크가 위로 되도록 마더보드용 백플레이트를 사용해 주시기 바랍니다. 사용하실 쿨러 소켓에 맞는 위치에 나사를 조립해 주시면 됩니다.

LGA775의 스파터 부품을 준비해 주시면 백플레이트의 중앙에 나사로 고정해 주시면 됩니다.



ENGLISH

Install the back plate securely onto the motherboard and clip on the four standoffs.

DEUTSCH

Installieren Sie die Rückplatte auf der Mainboard Leiterplatte und befestigen Sie die Abstandshülsen mit vier Schrauben über die Leiterplatte.

FRANÇAIS

Installer le plaque arrière pour la carte mère et appuyez les vis sur les pieds.

ESPAÑOL

Coloque la espalda en la placa base y apriete las tornillos en los soportes.

ITALIANO

Installare la plancia sulla scheda madre e fissare i piedini con quattro viti.

PORTUGUÊS

Fixe a placa traseira na placa-mãe e aperte os quatro parafusos nos suportes.

繁體中文

請將壓克力底板固定在主機板上，並用四顆螺栓固定。

簡体中文

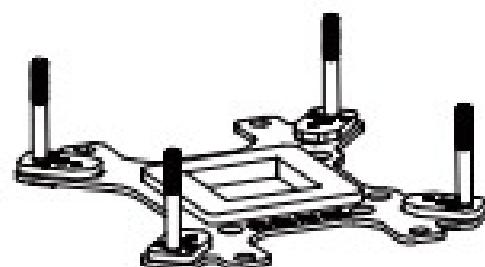
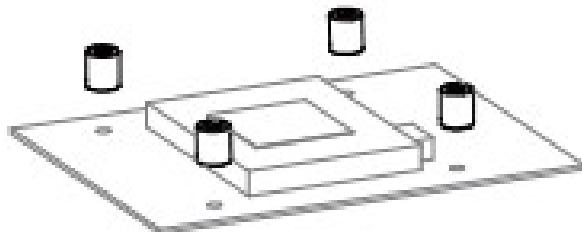
请将压克力底板固定在主板上，并用四颗螺栓固定。

日本語

マザーボードにマウントプレートをマウントインストールして、スパイクを上面に固定します。

한국어

마더보드에 뒷판을 설치한 후 네 개의 스탠다우트를 이용해 고정합니다.



NL04775/115X/1306

ENGLISH

Mount LOA2011 and INTEL clips and tighten the nuts.

DEUTSCH

Befestigen Sie die LOA2011 und Intel Clips auf die Kühlplatte und ziehen Sie die Schrauben mit dem Schraubendreher an.

FRANÇAIS

Montez les pinces de fixation pour processeur LOA2011 et INTEL, et serrez les écrous.

ESPAÑOL

Monte las clipas del LOA2011, INTEL y apriete los tornillos.

ITALIANO

Installate i dispositivo di fissaggio LOA2011 ed INTEL e stringere i viti.

РУССКИЙ

Установите крепления LOA2011 и INTEL и затяните винты.

繁體中文

請將 LOA2011 及 INTEL 固定夾安裝於散熱片上。
請將 LOA2011 及 INTEL 固定夾安裝於散熱片上。

簡體中文

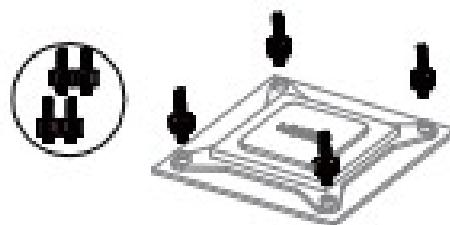
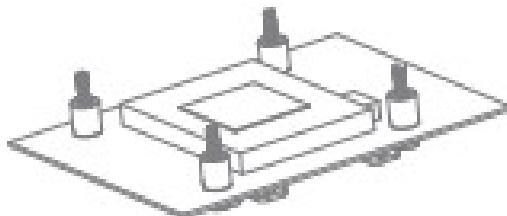
请将 LOA2011 及 INTEL 固定夹安装于散热片上。
请将 LOA2011 及 INTEL 固定夹安装于散热片上。

日本語

LOA2011、INTELクリップを熱伝導板に取り付けて、ナットを締めます。

한국어

LOA2011 및 INTEL 클립을 열伝도판에 설치하고 나사를 조립하십시오.

**LOA2011****BLG0779/1152/1365**

Durable high performance all-in-one Liquid Cooler

ENGLISH

Please clean the surface of CPU before applying thermal paste directly on the CPU.

DEUTSCH

Bitte reinigen Sie zuerst die Oberfläche des Prozessors vor der Anwendung des Wärmeleitpastes direkt auf den Prozessor.

FRANÇAIS

Nettoyez la surface du CPU avant d'appliquer la pâte thermique, puis appliquez la pâte uniformément sur le CPU.

ESPANOL

Por favor, limpie la superficie del microprocesador antes de aplicar la pasta térmica. Una vez limpia, aplique la pasta uniformemente sobre el CPU.

ITALIANO

Pulire la superficie del CPU prima di applicare la pasta termica e quindi applicare pasta termica in modo uniforme sulla CPU.

РУССКИЙ

Приложите термопасту к чистой поверхности процессора для обеспечения герметичности.

繁體中文

請將散熱膏直接塗在CPU表面。

簡体中文

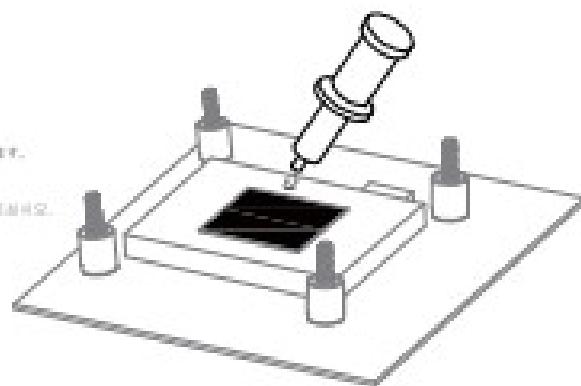
请将散热膏直接涂在CPU表面。

日本語

CPUの表面に直接熱伝導膏を塗り、CPUの表面を清潔にして、CPU上に→熱伝導膏を塗り付けてください。

한국어

온도 전도 폰트를 CPU 표면에 퍼뜨려 주세요. 그리고 그 위에 CPU를 고정해 두세요.



ENGLISH

Remove the fan from the waterblock's base and place it on the CPU.

DEUTSCH

Fädel von der Wasserkühlungsbasis entfernen, diese an den CPU ansetzen.

FRANÇAIS

Retirez le fil de la base du réservoir d'eau et placez-le sur le CPU.

ESPAÑOL

Retire la guía de la base del bloque de agua y colóquela en el CPU.

ITALIANO

Rimuovere la guida dalla base del waterblock e collocarla sulla CPU.

РУССКИЙ

Снимите провод с основания водоблока и поместите его на процессор.

繁體中文

請將水冷頭基座的導線移除，再將水冷頭放置於CPU。

簡體中文

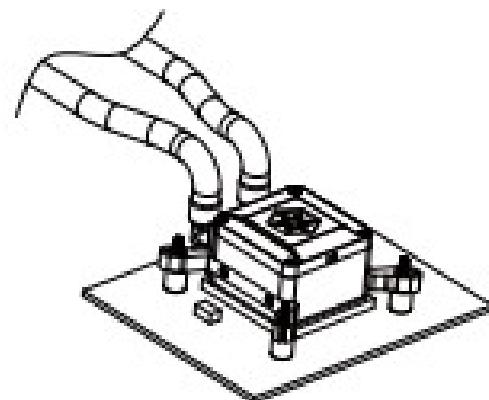
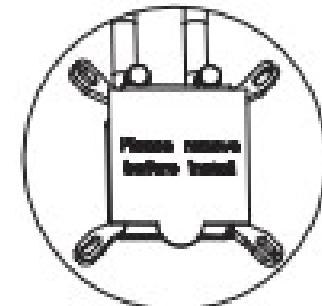
请将水冷头基座的导线移除，再将水冷头放置于CPU。

日本語

水冷ブロックのベースからフィルムを剥がしてCPUの上に配置します。

한국어

수냉 블록의 베이스에서 필름을 벗기고 냉각 블록을 CPU 위에 올립니다.



ENGLISH

Secure the spring screws onto the screws with a screwdriver.

DEUTSCH

Festigen Sie die Schrauben mit einem Schraubendreher an den Schrauben festlegen.

FRANÇAIS

Fixez les vis à visser sur les vis à viser au tournevis.

ESPAÑOL

Fije las tuercas a los tornillos con un destornillador.

ITALIANO

Fixare le viti a vite in corrispondenza delle viti con un cacciavite.

PORTUGUÊS

Fixar as tuvês a par das tuvês com um desbastador.

繁體中文

請將彈性螺絲固定至螺絲上。請使用起子緊固。

簡体中文

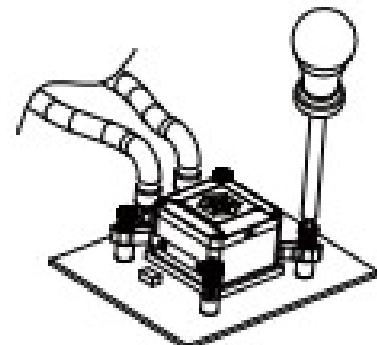
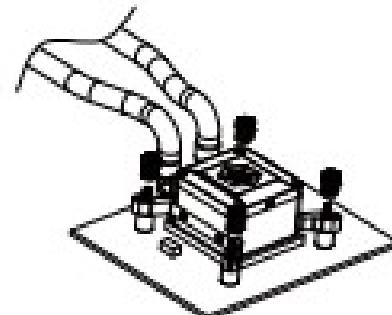
请将弹性螺栓固定至螺栓上。请使用起子紧固。

日本語

弾性スクリューアダプタをCPU基板上に取り付けてください。

韓國語

스프링 스크루를 스rew에 고정하세요.



ENGLISH

Connect the waterblock and fan connectors onto the relevant motherboard connectors. Installation complete.

DEUTSCH

Vereinbaren und anschließen mit den entsprechenden Mainboard-Anschlüssen entweder direkt an die Heizkörperabnehmern.

FRANÇAIS

Connexion du bloc d'eau et des connecteurs du ventilateur sur les connecteurs de la carte mère correspondants pour finir l'installation.

ESPAÑOL

Conecte el bloque de agua y los conectores del ventilador en los conectores correspondientes de la placa base. Instalación completa.

ITALIANO

Collegare i connettori del waterblock e della ventola ai relativi connettori della scheda madre. Installazione è completa.

РУССКИЙ

Подключите блок водяного охлаждения и соедините его с соответствующими разъемами материнской платы. Установка завершена.

繁體中文

將水冷頭及風扇連接至主機板上對應的連接埠，安裝完成。

簡体中文

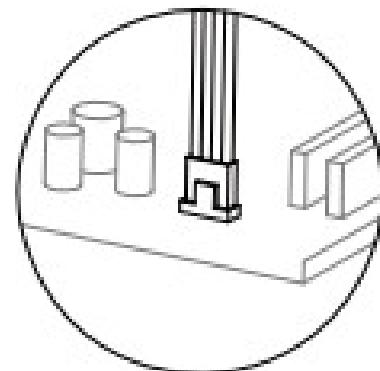
将水冷头及风扇连接至主板上相对应的连接口位置，安装完成。

日本語

水冷ユニットとファンのケーブルをマザーボードに接続するポートに接続する後、設置は完了です。

한국어

수냉 헤드와 팬 케이블을 마더보드에 연결한 후 설치 완료입니다.



ENGLISH

Secure the spring screw into the socket with a screwdriver.

DEUTSCH

Fixieren Sie die Schraube mit einem Schraubendreher in den Schraubloch befindigen.

PORTUGUÊS

Fixe los vis de segurar nas las vis a falar da base para.

ESPAÑOL

Fije los vis para el soporte de la base con un destornillador.

ITALIANO

Posizionare le viti a molla in corrispondenza delle viti con un cacciavite.

РУССКИЙ

С помощью отвертки затяните винты с пружинами.

繁體中文

請將彈性螺栓旋緊，用彈性螺子鎖緊。

簡体中文

请将弹性螺栓旋紧，用弹性螺子锁紧。

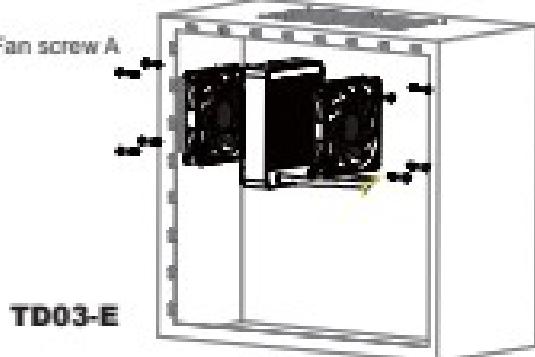
日本語

スプリングスクリューをソケットに固定する手順です。

한국어

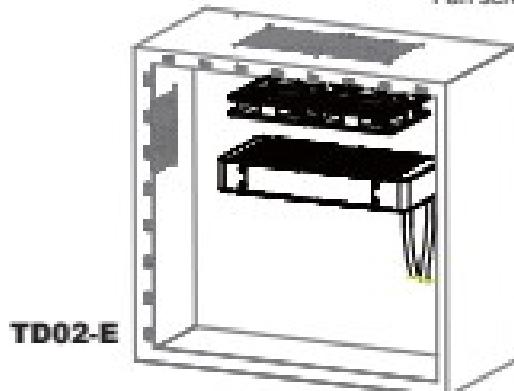
스프링 스크루를 소켓에 넣은 다음 드라이버로 고정합니다.

Fan screw A



TD03-E

Fan screw A



TD02-E

ENGLISH

Please place the circulation parts on the appropriate position. Check the holes of motherboard before installation and insert the screws into the corresponding holes of back plate.

DEUTSCH

Die Kühlungsteile auf die entsprechenden Stelle ordnen. Überprüfen Sie, ob Installation möglich ist. Schrauben in die entsprechenden Löcher der Rückplatte einsetzen.

FRANÇAIS

Placez les composants de circulation dans la position appropriée. Vérifier les trous de la carte mère avant l'installation et insérer les vis dans les trous correspondants de la plaque arrière.

ESPAÑOL

Coloque los componentes de alimentación en la posición apropiada. Compruebe los agujeros de la placa base antes de la instalación e inserte los tornillos en los agujeros correspondientes de la placa trasera.

ITALIANO

Collocare le posizioni di installazione sulla posizione appropriata. Controllare i fori della scheda madre prima dell'installazione ed inserire le viti nei fori corrispondenti della plancia.

POCOKH

Die Kühlungsteile auf die entsprechenden Stellen ordnen. Überprüfen Sie, ob die Installation möglich ist. Schrauben in die entsprechenden Löcher der Rückplatte einsetzen.

繁體中文

請將循環部件放置在適當位置。在安裝前請檢查主機板是否有孔洞，並將螺絲旋入對應的孔洞。

简体中文

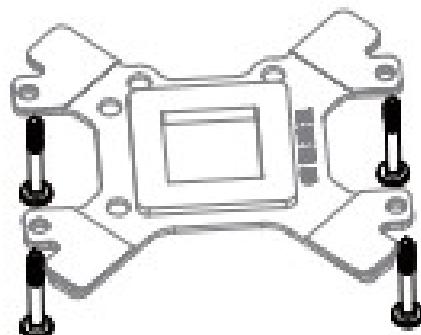
请将循环部件放置在适当位置。在安装前请检查主板是否有孔洞，并将螺丝旋入对应的孔洞。

日本語

循環ユニットを適切な場所に置きます。組立前にマザーボードの穴を確認してから、マザーボードの穴にねじを締め付けて下さい。

韓国어

循環ユニットを適切な場所に置きます。組立前にマザーボードの穴を確認してから、マザーボードの穴にねじを締め付けて下さい。



ENGLISH

Install the back plate assembly onto the motherboard and clip on the standoffs.

DEUTSCH

Positionieren Sie den Rückplatte auf der Mainboard (Unterseite und Zeilen). Beie die Abstandsteller mit oben über die Schrauben.

FRANÇAIS

Installez la plaque arrière sous la carte mère et poussez les ensembles.

ESPANOL

Coloque la placa trasera por debajo de la placa base y deslícela sobre los tornillos.

ITALIANO

Installare la placca sulla scheda madre ed installare i distanziatori.

POCOKH

Задняя панель установите на материнскую плату.

繁體中文

背板请安装至主板背板面(背面需装有螺丝孔的面朝向机箱)。插入螺栓即可。

簡体中文

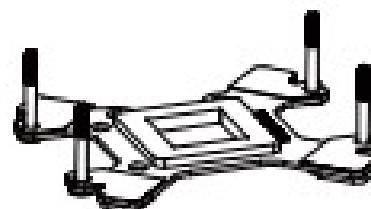
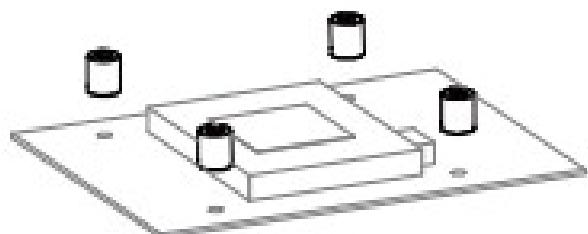
背板请安装至主板背板面(背面需装有螺丝孔的面朝向机箱)。插入螺栓即可。

日本語

マザーボードの裏側にマウントする際は、マウント用の穴がある面を裏側にして、マウント用のネジで固定してください。

한국어

마더보드 뒷면에 설치할 때는 마운트 홀이 있는 면을 뒤로 향시켜 네이지로 고정해 주세요.



ENGLISH

Please clean the surface of CPU then apply thermal grease evenly on CPU.

DEUTSCH

Räumen Sie bitte die Oberfläche der CPU sauber und die Wärmeleitpaste gleichmäßig auf.

FRANÇAIS

Nettoyez la surface du CPU avant d'appliquer la pâte thermique, puis appliquez la pâte uniformément sur le CPU.

ESPAGNOL

Pulse la superficie de la CPU prima de aplicar la pasta térmica e igualmente.

ITALIANO

Ci pulisca la piastra di isolamento sulla posizione appropriata. Controllare i bordi della matassa e inserire giorno dell'installazione ed inserire le viti nei loro corrispondenti della posizione.

POC. SLOV.

Načistite svoju komponentu, predvodecje pa nanesite ravnovesno teplomest.

繁體中文

請將表面的導熱膏均勻塗上。

簡體中文

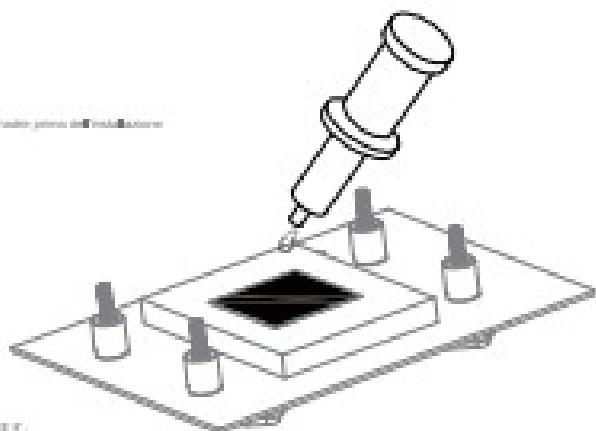
請將表面的導熱膏均勻塗上。

日本語

マザーボードの表面を清潔にし、CPUを適切な位置に配置して、マザーボードの表面に均一に塗ります。

한국어

모든 그늘과 빨대를 제거하고 CPU 표면을 깨끗하게 하여 그늘과 표면에 고르게 허름을 바릅니다.



ENGLISH

Remove the PTFE. (Do not touch the AMD chip.)

DEUTSCH

Entfernen Sie das PTFE. (Berühren Sie nicht den AMD-Chip.)

PORTUGUÊS

Retire o tubo de PTFE. (Não tocar no chip AMD.)

ESPAÑOL

Retire los enganches PTFE. (No tocar los enganches AMD.)

ITALIANO

Rimuovere le clip PTFE. (Non toccare le clip AMD.)

FRANÇAIS

Retirez les fixations en PTFE. (Ne pas toucher les fixations AMD.)

繁體中文

請將PTFE的綁帶拆下，並於AMD的晶片上。

簡体中文

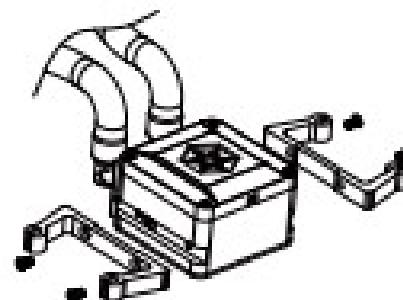
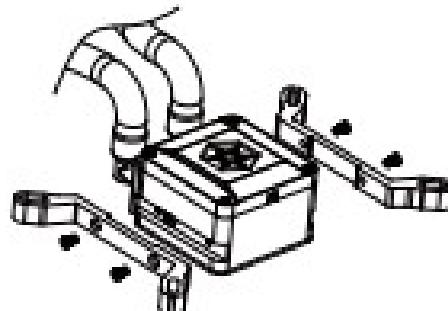
请将PTFE的绑带拆下，并於AMD的晶片上。

日本語

PTFEクリップを外してからAMDのchip上に

韓國語

PTFE 클립을 제거한 후 AMD chip 위에



ENGLISH

Remove the fin from the waterblock's base and place it on the CPU.

DEUTSCH

Pfeile von der Wasserkühlung entfernen, diese an den CPU anbringen.

FRANÇAIS

Retirer la fin de la base du bloc d'eau et placez-la sur le CPU.

ESPAÑOL

Retire la pleta de la base del bloque de agua y colóquela en el CPU.

ITALIANO

Rimuovere la pletta dalla base del waterblock e collaudare sullo CPU.

РУССКИЙ

Снимите пленку с основания водоблока и приложите к процессору.

简体中文

将水冷底座的贴纸撕下，贴到CPU上。

繁體中文

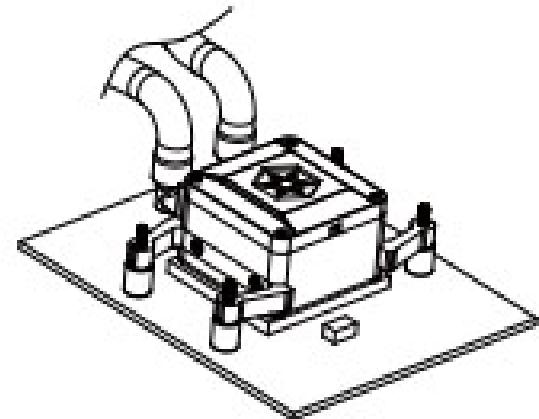
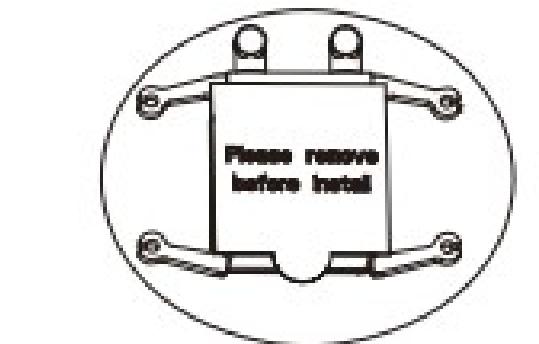
將水冷底座的貼紙撕下，貼到CPU上。

日本語

水冷底座のフィルムを剥がしてからCPUに貼り付けてください。

韓국어

수냉기의 페일을 벗겨서 CPU에 붙여 주세요.



Tundra series

Durable high performance all-in-one Liquid Cooler

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ANSWER

See our [FAQ page](#) for the most up-to-date information.

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Untersuchung auf einen Schwindelerfolg an den Folgen des Insektensprays

— 1 —

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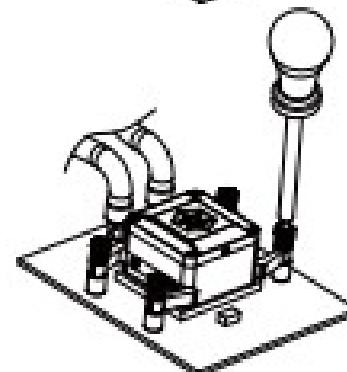
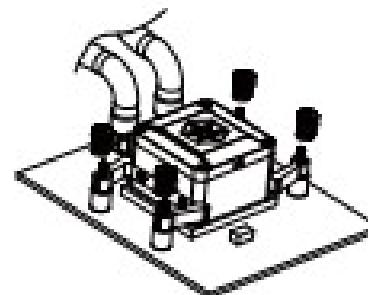
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ENGLISH

Connect the waterblock and fan connection onto the relevant motherboard connectors, installation complete.

DEUTSCH

Wasserblock- und Lüftungsanschlüsse mit den entsprechenden Motherboard-Anschlüssen verbinden, damit die Installation abgeschlossen ist.

FRANÇAIS

Connexionnez l'ensemble d'eau et les connecteurs de ventilation sur les connecteurs de la carte mère correspondants, pour terminer l'installation.

ESPAÑOL

Conecte el bloque de agua y los conectores del ventilador en los conectores correspondientes de la placa base, instalación completa.

ITALIANO

Collegare i connettori del waterblock e della ventola ai relativi connettori della scheda madre.
Installazione è completa.

PORTUGUÊS

Conecte o conjunto de água e os conectores do ventilador nos conectores correspondentes da placa-mãe.
Instalação é completa.

繁體中文

将水冷头与风扇连接于主板相对应的接口位置，完成安装。

簡体中文

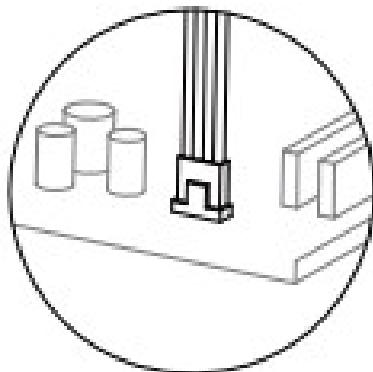
将水冷头与风扇连接于主板相对应的接口位置，完成安装。

日本語

水冷ユニットとファンユニットをマザーボードの接続端子に接続する事を、インストールが完了です。

한국어

수냉헤드와 팬을 마더보드에 대응하는 위치에 연결합니다. 설치 완료입니다.



Warranty Information

This product has a limited 5 year warranty in North America, Europe, and Australia.

For information on warranty periods in other regions, please contact your reseller or SilverStone authorized distributor.

Warranty terms & conditions

1. Product component defects or damages resulted from defective production is covered under warranty.
Defects or damages with the following conditions will be fixed or replaced under SilverStone Technology's jurisdiction:
 - a) Usage in accordance with instructions provided in this manual, with no misuse, abuse, or other inappropriate actions.
 - b) Damage not caused by natural disaster (thunder, fire, earthquake, flood, salt, wind, insect, animals, etc...)
 - c) Product is not disassembled, modified, or fixed. Components not disassembled or replaced.
 - d) Warranty markings/stickers are not removed or broken.

Loss or damages resulted from conditions other than ones listed above are not covered under warranty.
-
2. Under warranty, SilverStone Technology's maximum liability is limited to the current market value for the product (depreciated value, excluding shipping, handling, and other fees). SilverStone Technology is not responsible for other damages or loss associated with the use of product.
-
3. Under warranty, SilverStone Technology is obligated to repair or replace its defective products. Under no circumstances will SilverStone Technology be liable for damages in connection with the sale, purchase, or use including but not limited to loss of data, loss of business, loss of profits, loss of use of the product or incidental or consequential damage whether or not foreseeable and whether or not based on breach of warranty, contract or negligence, even if SilverStone Technology has been advised of the possibility of such damages.
-
4. Warranty covers only the original purchaser through authorized SilverStone distributors and resellers and is not transferable to a second hand purchaser.
-
5. You must provide sales receipt or invoice with clear indication of purchase date to determine warranty eligibility.
-
6. If a problem develops during the warranty period, please contact your reseller/reseller/SilverStone authorized distributor or SilverStone <http://www.silversonestek.com>.
Please note that: (i) You must provide proof of original purchase of the product by a dated itemized receipt; (ii) You shall bear the cost of shipping (or otherwise transporting) the product to SilverStone's authorized distributor. SilverStone authorized distributor will bear the cost of shipping (or otherwise transporting) the product back to you after completing the warranty service; (iii) Before you send the product, you must be issued a Return Merchandise Authorization ("RMA") number from SilverStone. Updated warranty information will be posted on SilverStone's official website. Please visit <http://www.silversonestek.com> for the latest updates.

Additional info & contacts

For North America (usa_support@silverstonetek.com)

SilverStone Technology in North America may repair or replace defective product with refurbished product that is not new but has been functionally tested. Replacement product will be warranted for remainder of the warranty period or thirty days, whichever is longer. All power supplies should be sent back to the place of purchase if it is within 30 days of purchase, after 30 days, customers need to initiate RMA procedure with SilverStone Technology in USA by first downloading the "USA RMA form for end-users" form from the below link and follow its instructions.

<http://silverstonetek.com/contactus.php>

For Australia only (support@silverstonetek.com)

Our goods come with guarantees that cannot be excluded under the Australian Consumer Law.

You are entitled to a replacement or refund for a major failure and for compensation for any other reasonably foreseeable loss or damage.

You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.

Please refer to above "Warranty terms & conditions" for further warranty details.

SilverStone Technology Co., Ltd. 12F No. 168 Jhankang Rd., Zhonghe Dist., New Taipei City 235 Taiwan R.O.C. + 886-2-8228-1238
(standard international call charges apply)

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